



Registration!

- Counselors are coming by...
- Get out your registration form...and make sure you have me sign it!



**Find an exact solution for each equation.
(Do not use your calculator for these.)**

1. $x^2 = 49$

2. $(x - 4)^2 = 100$

3. $(x + 2)^2 - 3 = 61$



Find an exact solution for each equation.
(Do not use your calculator for these.)



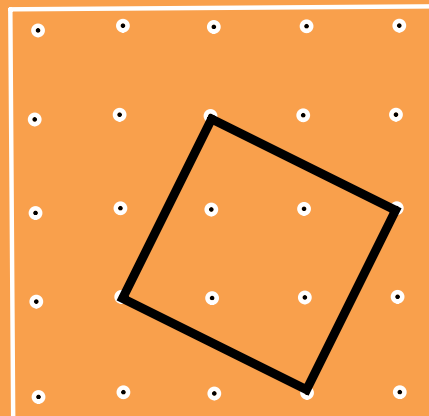
1. $x^2 = 48$

2. $(x - 4)^2 = 21$

3. $(x + 2)^2 - 3 = 11$



Think back to Tuesday! How did we find
the area of the black square?



How can we use the area to find the length of one side of a square?



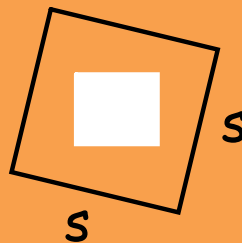
Talk at your table to come up with some ideas!



If you know the side length, ____, of a square, then the area of the square is ____.

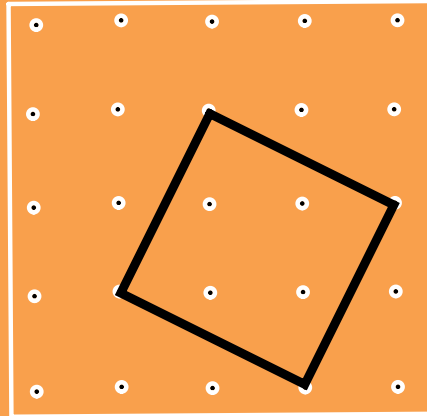


If you know the area of a square is ____, then the side length is ____, or ____.



Using your square from before, find the length of each side.

What is the perimeter of the square?



Summary: Describe how to find the side length of a square if you have the area.

